

## ABSTRACT

A signal generation device generates a packet containing information obtained by encoding a video signal by using a video signal of a predetermined number of vertical periods as a unit and adds serial number information indicating the generation order as a packet is generated. A signal decoding device includes a packet absence detection circuit for detecting the serial number information added to the packet received, thereby determining absence of the packet, and a memory for holding a video signal. When the packet lack detection circuit has not detected any packet absence, the memory is made to hold at least a part of the video signal decoded. When the packet lack detection circuit has detected a packet absence, the video signal held in the memory is output. The signal generation device and the signal decoding device constitute a simple circuit structure for suppressing image disorder caused by a transmission error.